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ABSTRACT OF THE DISCLOSURE

A DNA chip or its analogue composed of nucleotide derivatives attached to a solid carrier is prepared by method of bringing nucleotide derivatives having a reactive group at each one terminal into contact with a solid carrier having thereon reactive groups in an aqueous phase in the presence of a transferase which is capable of producing a covalent bond by rearrangement of the reactive group of the nucleotide derivative and the reactive group of the solid carrier.

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